

RE: Revised draft of Appendix F Section F4

Hilbert, Timothy (hilbertj) to: Benson.Bob

10/24/2012 09:33 AM

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To:

Cc: "brattin@srcinc.com" <brattin@srcinc.com>

Bob, A few clarifying questions.

#5 the causes of death provided should only be deaths thru 2004?

#6 detailed ore source information is only available thru 1980. From 1980-2000 all we know is that it is primarily VA and SA with a little SC mixed in. How proceed?

#8 To clarify... 40 indoor trionizing data points are needed so 1977 does not qualify.

Thanks

Tim

From: Benson.Bob@epamail.epa.gov [mailto:Benson.Bob@epamail.epa.gov]

Sent: Tuesday, October 23, 2012 12:58 PM

To: Hilbert, Timothy (hilbertj)

Cc: brattin@srcinc.com; Berry.David@epamail.epa.gov

Subject: RE: Revised draft of Appendix F Section F4

This is the list.

1 and 2 need to wait until the work on the JEM is finished and we have concurrence from NCEA.

I believe 3 and 4 are finished.

The minor editing can be fixed later.

Concentrate on 5, 6, 7, and 8a from the list.

▼ "Hilbert, Timothy (hilbertj)" ---10/23/2012 10:56:45 AM---Bob, We will draft a section on engineering controls and verify SC ore was used after 1980. Is the

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To: Bob Benson/R8/USEPA/US@EPA,

Cc: "brattin@srcinc.com" <brattin@srcinc.com>, David Berry/R8/USEPA/US@EPA

Date: 10/23/2012 10:56 AM

Subject: RE: Revised draft of Appendix F Section F4

Bob, We will draft a section on engineering controls and verify SC ore was used after 1980. Is the attached the work plan you are referring to? If so, which items should we prioritize?

Tim

From: Benson.Bob@epamail.epa.gov [<mailto:Benson.Bob@epamail.epa.gov>]
Sent: Tuesday, October 23, 2012 12:32 PM
To: Hilbert, Timothy (hilbertj)
Cc: brattin@srcinc.com; Berry.David@epamail.epa.gov
Subject: Fw: Revised draft of Appendix F Section F4

Tim,

Please note we need a brief section describing the engineering control changes to satisfy the comments we have received from NCEA.

Also if you have time try to work on the other changes I requested and those dealing with the comments from the SAB panel. Bill said he forwarded to you the Work Plan for University of Cincinnati that I put together.

I also have a further question about the ore source after 1980. The wording on page F-8 says "Post 1980 usage included African/Virginia/South Carolina vermiculite until 2000." Can you confirm that South Carolina ore from the Grace mine was actually used after 1980?

----- Forwarded by Bob Benson/R8/USEPA/US on 10/23/2012 10:22 AM -----

From: "Brattin, Bill" <brattin@srcinc.com>
To: Tim Hilbert <HILBERTJ@UCMAIL.UC.EDU>, Bob Benson/R8/USEPA/US@EPA, David Berry/R8/USEPA/US@EPA,
Date: 10/19/2012 01:47 PM
Subject: Revised draft of Appendix F Section F4

Here is a revised draft of Appendix F Section F4 (Derivation of the JEM).

Please review and provide comments and edits by COB on Monday October 29.

I will incorporate comments and then this draft can be sent to NCEA for review and (hopefully) agreement.

Bill Brattin
SRC, Inc.
999 18th Street Suite 1150
Denver CO 80202
Phone: 303-357-3121
Fax: 303-292-4755

e-mail: brattin@srcinc.com<<mailto:brattin@syrres.com>>

[attachment "winmail.dat" deleted by Bob Benson/R8/USEPA/US] [attachment "Figure F4.1 (LOESS).pdf" deleted by Bob Benson/R8/USEPA/US] [attachment "Figure F4.2 (trionize independent b).pdf" deleted by Bob Benson/R8/USEPA/US] [attachment "Figure F4.3 (trionize common b).pdf" deleted by Bob Benson/R8/USEPA/US] [attachment "Figure F4.4 Segmeneted trionizing fits.pdf" deleted by Bob Benson/R8/USEPA/US] [attachment "Figure F4.5 (2-segment bkg fit).pdf" deleted by Bob Benson/R8/USEPA/US] [attachment "Section F4 revision 4.docx" deleted by Bob Benson/R8/USEPA/US] [attachment "Workplan for UC.docx.docx" deleted by Bob Benson/R8/USEPA/US]